U.S. Army Corps
of Engineers
New England District

Industry Forum for Selection of A-E to Design the National Museum of US Army

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U.S. Army Corps of Engineers
New England District

Industry Forum for A-E Contract

Forum Goals

- Provide information to A-E firms about the project and the solicitation process
- Share the Strategic Vision for National Museum of the US Army (NMUSA)
- Provide a forum for answering questions on the project, submission requirements, and selection process
- Allow firms to network, which could lead to possible teaming opportunities

Seidman Center, Arlington, VA – Dec 12, 2007

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Industry Forum for A-E Contract

Forum Agenda

10:00 – Welcoming Remarks, Introductions, and General Information (Bergeron, USACE)
10:10 – Project and Procurement Information (Lacroix, USACE)
10:45 – Strategic Vision for NMUSA (Bennett, National Museum Project Office)
11:15 – Contracting and Small Business Requirements (Raposa, USACE)
11:30 – Break
11:45 – Introduction of Attendees
12:00 – Questions

Remaining time (until 2:00 pm) available for networking

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General Information

- Facilities
- Handouts
  - Roster of Attendees
  - Copies of Briefings
  - Synopsis and Modification #1
  - Director's Vision backup materials
  - Responses to already submitted questions
  - Evaluation Forms
  - SF 330 forms
- Answers to new questions raised today
- All information to be posted on:

http://www.nae.usace.army.mil/projects/ne/nationalmuseum/nationalmuseum.htm

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Industry Forum for Selection of A-E to Design the National Museum of US Army

Project and Procurement Information

Gary R. Lacroix, P.E., PMP
Senior Engineering Technical Lead
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New England District (NAE)

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New England District

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Project and Procurement Information

NATIONAL MUSEUM UNITED STATES ARMY

Outline

- Project Background
- Team Members
- Project Scope
- A-E Requirements
- Contract Information
- Selection Criteria
- Selection Process
- Guidance on SF 330s

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Project and Procurement Information

NATIONAL MUSEUM UNITED STATES ARMY

Project Background

- **Oct 2001** – Fort Belvoir designated as the site for the NMUSA by Secretary of the Army
- **Sep 2004** – USACE-Baltimore District awards A-E contract to Skidmore, Owings & Merrill, LLP (SOM) for design of the NMUSA & Museum Support Center
- **Feb 2006** – SOM completes 15% design submission for NMUSA at the Gray's Hill (aka 'Pence Gate') site
- **2006/2007** – Project on hold due to siting and scope issues
- **April 2007** – Contractual and funding issues precluded exercising contract options to proceed with design

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Project and Procurement Informa

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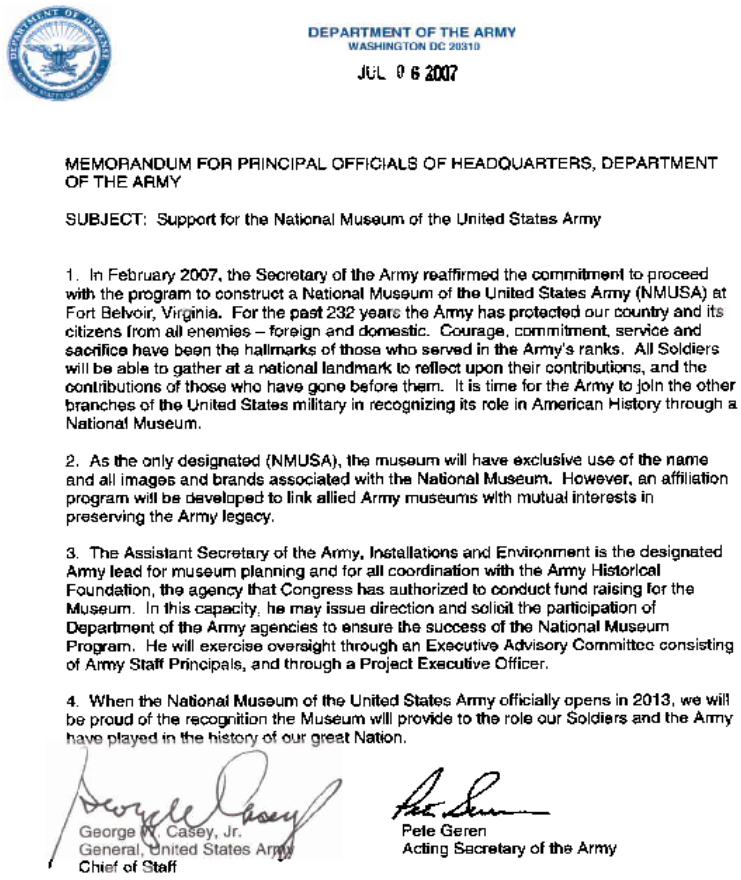
NATIONAL MUSEUM UNITED STATES ARMY

Team Members

- National Museum of the US Army Project Office (under ASA(I&E))
- Army Historical Foundation (AHF)
- US Army Corps of Engineers
- Center for Military History
- Fort Belvoir Installation
- State, County, and Local Officials



DEPARTMENT OF THE ARMY
WASHINGTON DC 20310

JUL 0 6 2007

MEMORANDUM FOR PRINCIPAL OFFICIALS OF HEADQUARTERS, DEPARTMENT OF THE ARMY

SUBJECT: Support for the National Museum of the United States Army

1. In February 2007, the Secretary of the Army reaffirmed the commitment to proceed with the program to construct a National Museum of the United States Army (NMUSA) at Fort Belvoir, Virginia. For the past 232 years the Army has protected our country and its citizens from all enemies – foreign and domestic. Courage, commitment, service and sacrifice have been the hallmarks of those who served in the Army's ranks. All Soldiers will be able to gather at a national landmark to reflect upon their contributions, and the contributions of those who have gone before them. It is time for the Army to join the other branches of the United States military in recognizing its role in American History through a National Museum.

2. As the only designated (NMUSA), the museum will have exclusive use of the name and all images and brands associated with the National Museum. However, an affiliation program will be developed to link allied Army museums with mutual interests in preserving the Army legacy.

3. The Assistant Secretary of the Army, Installations and Environment is the designated Army lead for museum planning and for all coordination with the Army Historical Foundation, the agency that Congress has authorized to conduct fund raising for the Museum. In this capacity, he may issue direction and solicit the participation of Department of the Army agencies to ensure the success of the National Museum Program. He will exercise oversight through an Executive Advisory Committee consisting of Army Staff Principals, and through a Project Executive Officer.

4. When the National Museum of the United States Army officially opens in 2013, we will be proud of the recognition the Museum will provide to the role our Soldiers and the Army have played in the history of our great Nation.

George W. Casey, Jr.
General, United States Army
Chief of Staff

Pete Geren
Acting Secretary of the Army

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Project and Procurement Information

NATIONAL MUSEUM UNITED STATES ARMY

Project Scope

- Mr. Bennett to speak on vision and goals for NMUSA
- Museum to be built in multiple phases
- Total ~235,000 gross square feet (gsf) of interior space *
- Campus of ~85 acres on North Post Golf Course *
- Estimated construction cost for Phase I (not including exhibits) is between $100 - $150 million *

* **Information currently being validated and may be subject to change before initiating Phase 2 of selection process**

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Project and Procurement Information

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NATIONAL MUSEUM UNITED STATES ARMY

Project Scope

- Interior Program: Phase I ~150,000 gsf; Future Phases ~85,000 gsf *
  - Gallery Areas
  - Public Areas – access, circulation, education, catering, service, and retail spaces
  - Administrative Areas – staff offices, maintenance of exhibits and collections
- Exterior Program *
  - Phase I - parade ground with seating, memorial garden, amphitheatre, comfort station, parking
  - Future Phases - macro artifact gallery, outdoor education and encampment area, temp. stables, memorial garden expansion

*** Information currently being validated and may be subject to change before entering Phase II of selection process**

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Project and Procurement Information

NATIONAL MUSEUM UNITED STATES ARMY

A-E Requirements

- Master Campus Plan for all phases
- 100% Design of only Phase I elements
- Close coordination with exhibit designer (to be procured separately), USACE, and Museum Project Office
- 18 months for design of NMUSA Phase I
- May include re-design of portions of existing golf course

Standards and Requirements

- Sustainable design standard of LEED Silver
- DoD Anti-Terrorism and Force Protection (AT/FP)
- Americans with Disabilities Act

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Project and Procurement Information

NATIONAL MUSEUM UNITED STATES ARMY

A-E Requirements

Required Services:

- Architectural design
- Landscape design
- Interior design
- Civil engineering
- Structural engineering
- Transportation/traffic engineering
- Geotechnical engineering
- Mechanical engineering
- Electrical engineering

Specialties:

- Communications systems
- Fire protection systems
- Redundant power & information systems
- Access control system
- Intrusion detection systems

Capabilities:

- M-CACES for cost engineering
- CAD and Building Information Modeling (BIM) technologies

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Project and Procurement Information

Contract Information

General Information

- Procured IAW Brooks Act per FAR Subpart 36.6
- Indefinite Delivery/Indefinite Quantity (IDIQ) contract primarily to be used for design of the NMUSA
- IDIQ can be used for general A-E services within USACE – North Atlantic Division boundaries (except Europe)
- Contract Value NTE $12 million
- Ordering period of 5 years from award
- Firm-fixed price task orders

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Project and Procurement Information

Contract Information

Services required for NMUSA Project

Pre-Design
- Site investigation
- Planning
- Program validation
- Survey
- Geotechnical analysis
- Engineering studies
- Space planning

Design
- Plans, Specifications and Construction Cost Estimates at:
- 15% design
- 35% design
- 65% design
- 95% design
- 100% design

Construction Phase
- Preparation and review of O&M Manuals
- Shop drawing and construction submittal reviews
- Site visits
- Technical assistance

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Project and Procurement Information

Selection Criteria

a. Specialized experience and technical competence in:

1) Design of large museums or other public access campus-type facilities similar to this size, scope, and complexity
2) Design of innovative and architecturally significant facilities
3) Working with museum exhibit designers in a non-contractual relationship to create a cohesive museum experience effectively integrating building and exhibit components
4) Design of facilities that effectively and efficiently utilize the landscape and topography, harmoniously integrating the structures and exterior elements
5) Design of facilities with highly complex and innovative audio visual and graphic display and other

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Project and Procurement Information

Selection Criteria

a. Specialized experience and technical competence in:

6) Energy conservation, pollution prevention, waste reduction, LEED evaluations and designs, and the use of recovered materials
7) Design of facilities with a requirement for highly reliable, redundant utility (e.g., HVAC, electrical, and security) systems of a size equivalent to this facility
8) Design and integration of extensive, robust, internal communication networks into building systems architecture
9) Use of DoD AT/FP design criteria and construction standards
10) Use of special foundation designs for unusual loading conditions

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Project and Procurement Information

Selection Criteria

b. Qualified personnel in following key disciplines:

Required to be registered & licensed

- Project management
- Architecture
- Landscape architecture
- Mechanical engineering
- Electrical engineering
- Fire protection engineering
- Structural engineering
- Civil engineering
- Transportation/ traffic engineering
- Environmental engineering
- Communications engineering
- Land surveying

Other key disciplines in fields of:

- Museum planning
- Interior design
- Golf course design
- Acoustical design
- Lighting design
- Security analyses and design
- Information technology
- Audio-visual design
- Plumbing layout
- Cost estimating
- Other required specialty support disciplines

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Project and Procurement Information

Selection Criteria

b. Qualified personnel – special requirements:

- Project manager:
  - At least 10 years of experience managing projects
  - Minimum of 3 years as a project manager on work that is similar in nature and scope as work required for NMUSA
- Lead Architect:
  - At least 10 years of experience as a lead architect
  - At least 5 years of experience on work that is similar in nature and scope as work required for NMUSA

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Project and Procurement Information

Selection Criteria

c. Work management
- Management plan including org chart and the designer's management and philosophical approach for executing the project

d. Past performance on DoD or other comparable contracts

e. Availability of adequate number of personnel in key disciplines

f. Knowledge of locality of project

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Project and Procurement Information

Selection Criteria

g. Extent of participation of small business concerns *
h. Location of designer *
i. Volume of DoD contract awards in the last 12 months *

* Secondary criteria to only be used as tiebreakers between technically equal firms

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Project and Procurement Information

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Selection Process

- Firms submit SF 330s
- Pre-selection board to screen SF 330s, identify most qualified firms based on selection criteria
- If necessary, Selection Board may conduct interviews prior to developing the short list of up to 5 firms to participate in 2nd phase
- On-site architectural brief provided to short-listed firms
- Short-listed firms give a presentation on their:
  - Proposed management strategy
  - Conceptual and philosophical approach for executing the design

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Project and Procurement Information

Selection Process

- Presentation requirements:
  - Up to 2 hours including time for questions from the Selection Board
  - Provide their architectural concept via:
    - Site Plan 1” = 300’
    - Floor plans 1/8” = 1’
    - Exterior eye-level perspective – color
    - One supplemental sketch
    - All fit on three 30” x 40” presentation surfaces
    - Optional – supporting 10 page booklet
- Final selection based upon content of SF 330s and presentation

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Project and Procurement Information

Selection Process

Timeline:

- Submissions of SF 330s - 9 January 2008
- Identify short-listed firms - end February 2008
- Site visit and architectural brief – March 2008
- Presentations by short-listed firms – April 2008
- Selection of successful A-E – April 2008
- Negotiation and award of IDIQ contract – July 2008

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Project and Procurement Information

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Guidance on SF 330s

- Replaces old SF 254/255
- Part I – Qualifications related to a specific contract procurement; 125 page limit
- Part II – General qualifications of each specific branch office of prime (or JV) and any subcontractors used (separate one for each)
- Original and five copies

- Key to a complete application is to address the concerns as reflected in synopsis

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Project and Procurement Information

Guidance on SF 330s

- Block B:
  - Include DUNS number for prime/JV
- Block C:
  - Include DUNS number for each consultant
  - Identify team member for each role identified in synopsis
- Block D:
  - Org chart showing each role consistent with Block C
- Block E:
  - Organize resumes in order of involvement and importance
  - Tie projects to those listed in Block F where possible

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Project and Procurement Information

Guidance on SF 330s

- Block F:
  - Example projects listed in order of relevance to this project
  - Three supplemental 11” x 17” pages allowed
  - Block 24 – Provide the following for each project (up to 10):
    - Month/year design started and completed
    - Total contract value of the A-E’s work
    - Physical size of the designed facility (gsf and acreage)
    - Construction cost

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Guidance on SF 330s

- Block H:
  - Provide proposed management plan (including estimated percentage of involvement of each firm on team)
  - May also provide documentation to support the 'past performance' selection criteria, including:
    - How the how the firm's design solutions overcame architectural and engineering challenges
    - Copies of applicable awards or certificates allowed
  - No more than 45 pages

- Direct questions on procurement to Ms. Rachael Raposa, 978-318-8249, or rachael.raposa@usace.army.mil

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Project and Procurement Information

NATIONAL MUSEUM UNITED STATES ARMY

THANK YOU!

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Contracting & Small Business Requirements

Rachael Raposa
Chief, Contracts Branch
U.S. Army Corps of Engineers (USACE)
New England District (NAE)

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Introduction of Attendees

- Name
- Firm
- Specialty
- Size standard

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QUESTIONS

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